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* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	3	JUN 06	KOREAPAT updated with 41,000 documents
NEWS	4	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS	5	JUN 19	CAS REGISTRY includes selected substances from web-based collections
NEWS	6	JUN 25	CA/CAPLUS and USPAT databases updated with IPC reclassification data
NEWS	7	JUN 30	AEROSPACE enhanced with more than 1 million U.S. patent records
NEWS	8	JUN 30	EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated organizations
NEWS	9	JUN 30	STN on the Web enhanced with new STN AnaVist Assistant and BLAST plug-in
NEWS	10	JUN 30	STN AnaVist enhanced with database content from EPFULL
NEWS	11	JUL 28	CA/CAPLUS patent coverage enhanced
NEWS	12	JUL 28	EPFULL enhanced with additional legal status information from the EPOline Register
NEWS	13	JUL 28	IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS	14	JUL 28	STN Viewer performance improved
NEWS	15	AUG 01	INPADOCDB and INPAFAMDB coverage enhanced
NEWS	16	AUG 13	CA/CAPLUS enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS	17	AUG 15	CAOLD to be discontinued on December 31, 2008
NEWS	18	AUG 15	CAPLUS currency for Korean patents enhanced
NEWS	19	AUG 27	CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information
NEWS	20	SEP 18	Support for STN Express, Versions 6.01 and earlier, to be discontinued
NEWS	21	SEP 25	CA/CAPLUS current-awareness alert options enhanced to accommodate supplemental CAS indexing of exemplified prophetic substances
NEWS	22	SEP 26	WPIDS, WPINDEX, and WPIX coverage of Chinese and Korean patents enhanced
NEWS	23	SEP 29	IFICLS enhanced with new super search field
NEWS	24	SEP 29	EMBASE and EMBAL enhanced with new search and display fields
NEWS	25	SEP 30	CAS patent coverage enhanced to include exemplified prophetic substances identified in new Japanese-language patents
NEWS	26	OCT 07	EPFULL enhanced with full implementation of EPC2000
NEWS	27	OCT 07	Multiple databases enhanced for more flexible patent number searching

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:51:17 ON 14 OCT 2008

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 15:51:33 ON 14 OCT 2008
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STRUCTURE FILE UPDATES: 12 OCT 2008 HIGHEST RN 1060442-20-7
DICTIONARY FILE UPDATES: 12 OCT 2008 HIGHEST RN 1060442-20-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

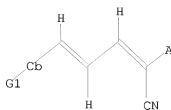
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10593851_2nd_action.str

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 15:51:54 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 232 TO ITERATE

100.0% PROCESSED 232 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 3727 TO 5553

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 15:51:59 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 4269 TO ITERATE

100.0% PROCESSED 4269 ITERATIONS

6 ANSWERS

SEARCH TIME: 00.00.01

L3 6 SEA SSS FUL L1

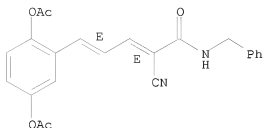
=> d l3 scan

L3 6 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN 2,4-Pentadienamide, 5-[2,5-bis(acetyloxy)phenyl]-2-cyano-N-(phenylmethyl)-
, (2E,4E)-

MF C23 H20 N2 O5

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file caplus
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
178.36	178.57

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 15:52:19 ON 14 OCT 2008
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FILE COVERS 1907 - 14 Oct 2008 VOL 149 ISS 16
FILE LAST UPDATED: 12 Oct 2008 (20081012/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s 13
L4 3 L3

=> d l4 ibib abs hitstr 1-
YOU HAVE REQUESTED DATA FROM 3 ANSWERS - CONTINUE? Y/(N):y

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2008 ACS ON STN

ACCESSION NUMBER: 2006:232306 CAPLUS

DOCUMENT NUMBER: 144:292410

TITLE: Conjugated arylalkenyl nitriles as modulators of abnormal cell proliferation, their preparation,

INVENTOR(S): pharmaceutical compositions, and use in therapy
Roifman, Chaim; Demin, Peter; Rounova, Olga;
Grunberger, Tom
PATENT ASSIGNEE(S): The Hospital for Sick Children, Can.
SOURCE: U.S. Pat. Appl. Publ., 17 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20060058297	A1	20060316	US 2004-940009	20040914
CA 2580601	A1	20060323	CA 2005-2580601	20050914
WO 2006029515	A1	20060323	WO 2005-CA1394	20050914

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

EP 1797064 A1 20070620 EP 2005-786685 20050914

R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR

PRIORITY APPLN. INFO.: US 2004-940009 A 20040914
WO 2005-CA1394 W 20050914

OTHER SOURCE(S): CASREACT 144:292410; MARPAT 144:292410
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The invention relates to conjugated nitriles I and II, which are modulators of abnormal cell proliferation, including cancer. In compds. I and II; X is H or halo; R1, R2, and R3 are independently selected from H, OH, C1-6 alkyl, C1-6 alkoxy, C2-7 acyloxy, NH2, C1-6 alkylamino, etc.; R4 is C(O)R5, C(S)R5, SO2-aryl, NH2, NH-C1-6 alkyl, etc.; R5 is OH, NH2, C1-6 alkoxy, aryloxy, arylamino, aryl-C1-6 alkyl-amino, C1-6 alkyl, etc.; A is a bond or ethenylene; B is a bond, phenylene, or pyridinylene; and Ar is Ph, pyridinyl, pyrazinyl, pyrimidinyl, imidazolyl, furyl, or thienyl, optionally substituted with 1-4 substituents; provided that when A is ethenylene, X is H. The invention also relates to the preparation of I and II, pharmaceutical compns. comprising a compound I or II, together with a pharmaceutically acceptable carrier, as well as to the use of the compns. for modulating abnormal cell proliferation, including cancer. Amidation of Me cyanoacetate with veratrylamine (3,4-dimethoxybenzylamine) and demethylation gave cyanoacetamide III, which underwent Knoevenagel condensation with (Z)-IV, resulting in the formation of (E,Z)-arylalkenyl nitrile V. The compds. of the invention are modulators of abnormal cell proliferation, e.g., compound V expresses an IC50 value of less than 125 nM towards Z119 acute lymphoblastic leukemia cells.

IT 878795-71-2P

RL: PAC (Pharmaceutical activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

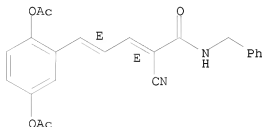
(Uses)

(drug candidate; preparation of conjugated arylalkenyl nitriles as abnormal cell proliferation modulators)

RN 878795-71-2 CAPLUS

CN 2,4-Pentadienamide, 5-[2,5-bis(acetyloxy)phenyl]-2-cyano-N-(phenylmethyl)-, (2E,4E)- (CA INDEX NAME)

Double bond geometry as shown.



L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:1075808 CAPLUS

DOCUMENT NUMBER: 143:346899

TITLE: Preparation of styrylacrylonitrile derivatives as modulators of cell proliferation

INVENTOR(S): Roifman, Chaim M.; Demin, Peter; Freywald, Andrew; Grunberger, Thomas; Rounova, Olga; Sharfe, Nigel

PATENT ASSIGNEE(S): HSC Research and Development Limited Partnership, Can.

SOURCE: PCT Int. Appl., 181 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

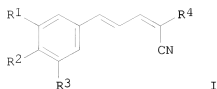
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

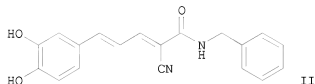
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005092904	A1	20051006	WO 2005-CA423	20050322
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RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2560584	A1	20051006	CA 2005-2560584	20050322
EP 1727822	A1	20061206	EP 2005-729066	20050322
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR			
JP 2007530455	T	20071101	JP 2007-504223	20050322
US 20070243612	A1	20071018	US 2007-593851	20070522
PRIORITY APPLN. INFO.:			US 2004-556972P	P 20040326
			US 2005-649211P	P 20050202
			WO 2005-CA423	W 20050322

OTHER SOURCE(S): CASREACT 143:346899; MARPAT 143:346899

GI



I



II

AB Title compds. I [R1 and R2 independently = H, OH, alkoxy, etc.; R3 = H, NH2, SH, etc.; R4 = NH2, NH-alkyl, P(O)(OH)2, etc.] and their pharmaceutically acceptable salts, are prepared and disclosed as modulators of cell proliferation. Thus, e.g., II was prepared by amidation of Me cyanoacetate with benzylamine followed by coupling with 3,4-dimethoxycinnamaldehyde (preparation given) and subsequent demethylation. The activity of II towards killing of Ly-MN cells was evaluated and it was found that it significantly inhibited cell proliferation and survival at nanomolar doses, and effected a inhibition by 2.5 μ M. I as modulator of cell proliferation should prove useful in the treatment of a variety of cancers such as leukemia and lymphoma. Pharmaceutical compns. comprising I are disclosed.

IT 866031-29-0P 866032-89-5P

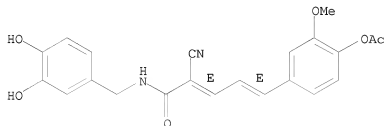
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of styrylacrylonitrile derivs. as modulators of cell proliferation)

RN 866031-29-0 CAPLUS

CN 2,4-Pentadienamide, 5-[4-(acetyloxy)-3-methoxyphenyl]-2-cyano-N-[(3,4-dihydroxyphenyl)methyl]-, (2E,4E)- (CA INDEX NAME)

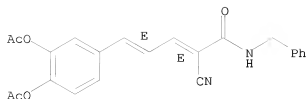
Double bond geometry as shown.



RN 866032-89-5 CAPLUS

CN 2,4-Pentadienamide, 5-[3,4-bis(acetyloxy)phenyl]-2-cyano-N-(phenylmethyl)-, (2E,4E)- (CA INDEX NAME)

Double bond geometry as shown.



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2008 ACS on SIN

ACCESSION NUMBER: 2005:120874 CAPLUS

DOCUMENT NUMBER: 142:197698

TITLE: Preparation of arylcyanopentadienoates as modulators of cell proliferation

INVENTOR(S): Roifman, Chaim M.; Demin, Peter; Rounova, Olga;

Gruberger, Thomas; Cimpean, Octavian Laurand

PATENT ASSIGNEE(S): The Hospital for Sick Children, Can.

SOURCE: PCT Int. Appl., 46 pp.

CODEN: PIXXD2

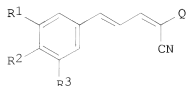
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005012234	A1	20050210	WO 2004-CA1431	20040730
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2533287	A1	20050210	CA 2004-2533287	20040730
EP 1654220	A1	20060510	EP 2004-738022	20040730
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, AL, TR, BG, CZ, EE, HU, PL, SK			
US 20070197660	A1	20070823	US 2006-566815	20061204
PRIORITY APPLN. INFO.:			US 2003-491109P	P 20030730
			WO 2004-CA1431	W 20040730
OTHER SOURCE(S):		CASREACT 142:197698; MARPAT 142:197698		
GI				



AB Title compds. [I; Q = CO2XR4, SO2R5; R1, R2, R3 = H, OH, alkyl, alkoxy, alkylcarbonyloxy, amino, alkylcarbonylamino, SH, alkylthio, NO2, CF2, OCF3, halo, etc.; R4 = (substituted) aryl; R5 = alkyl, (substituted) Ph, pyridyl; X = (CH2CH2O)n, (CH2)n; n = 1-4; with provisos], were prepared Thus, 2-(4-chlorobenzenesulfonyl)-5-(3,4-dihydroxyphenyl)penta-2E,4E-dienenitrile (CRVIII-51) (preparation via Knoevenagel reaction outlined) killed 2119 acute lymphoblastic leukemia cells with IC50 = 0.23 μ M.

IT 838853-66-0P

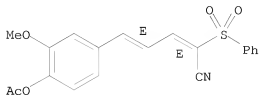
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(claimed compound; preparation of arylcyanopentadienoates as modulators of cell proliferation)

RN 838853-66-0 CAPLUS

CN 2,4-Pentadienenitrile, 5-[4-(acetyloxy)-3-methoxyphenyl]-2-(phenylsulfonyl)-, (2E,4E)- (CA INDEX NAME)

Double bond geometry as shown.



REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT